



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
SUPERFUND SITE STRATEGY RECOMMENDATION - REGION 06**



Site Name: Knifling-Bushland U.S. Livestock Insects Laboratory CERCLIS ID#: TX6-120-514-686

Alias Site Names: _____

Address: Texas Highway 16

City/County or Parish/State/Zip Code: Kerrville / Kerr County / Texas / 78029

Report Type, Date, and Author: Abbreviated Preliminary Assessment (PA), July 27, 1995, EPA TAT E&E

RECOMMENDATION

☒ 1. No Further Remedial Action Planned
under Superfund (NFRAP)

☐ 2. Further Investigation Needed Under Superfund
☐ PA ☐ HRS Priority: ☐ High
☐ SSI ☐ RA ☐ Low
☐ ESI ☐ RI/FS

☐ Other: _____
To be performed by: _____

☐ 3. Action Deferred to:
☐ RCRA ☐ NRC

NOTIFY AUTHORITY:

<input type="checkbox"/> Removal	<input type="checkbox"/> RCRA	<input type="checkbox"/> TSCA	<input type="checkbox"/> CAA	<input type="checkbox"/> SMCRA
<input type="checkbox"/> Remedial	<input type="checkbox"/> State	<input type="checkbox"/> NPDES	<input type="checkbox"/> NRC	<input type="checkbox"/> Resource Trustee: _____
<input type="checkbox"/> CERCLA Enforcement	<input type="checkbox"/> Federal Facility	<input type="checkbox"/> UIC	<input type="checkbox"/> SPCC	<input type="checkbox"/> Other: _____
SEND SSSR COPIES TO: <input checked="" type="checkbox"/> 6SF-AC		<input type="checkbox"/> 6W-QSP	<input type="checkbox"/> ATSDR	<input checked="" type="checkbox"/> State Agency <input type="checkbox"/> Other

DISCUSSION:

Knifling-Bushland U.S. Livestock Insects Laboratory is a federal facility site.

An abbreviated Preliminary Assessment (PA), was completed by the EPA Technical Assistance Team (TAT) contractor Ecology and Environment, Inc. (E&E), on July 27, 1995. This report considered the Preliminary Assessment report completed by the CURA, Inc., an Environmental Consulting firm, for the U.S. Department of Agriculture, Agricultural Research Service, on May 30, 1990. This report included a draft Hazard Ranking System (HRS) scoring evaluation made under the original HRS model and the facility scored well below the 28.5 cutoff value required for further consideration.

Knifling-Bushland began operations in 1963 and has operated continuously since that time. The facility keeps a small population of livestock onsite, and breeds insects for use in research. Experimental pesticides were routinely tested for efficacy or for effects on livestock and insects. They have been permitted by the Texas Department of Health, and are also classified as a small quantity generator under the Resource Conservation and Recovery Act (RCRA).

No EPA emergency removal or remedial actions have occurred at the site, and there have been no reported spills of hazardous chemicals.

The abbreviated PA report was evaluated considering the requirements of the new HRS, the primary screening tool used by EPA's Superfund program to assess the relative threat associated with actual or potential releases of hazardous substances. The new HRS adds the Soil Exposure Pathway as a new element to be considered, but due to the limited nearby target population, further scoring of the facility will still fall well below the 28.5 cutoff value.

Site Name: Knipling-Bushland U.S. Livestock Insects Laboratory

CERCLIS ID #: TX6-120-514-686

DISCUSSION (continuation):

The following comments apply to the evaluation of this report:

The overland drainage segment enters Quinlan Creek, an intermittent stream. The Probable Point of Entry (PPE) to a perennial stream is the Guadalupe River, and is about four miles from the site. Thus a release at the PPE is not likely.

There is a limited nearby residential target population that could be impacted by the Soil Exposure and Air Migration Pathway.

The Ground Water Migration Pathway is the only pathway of concern, but due to the depth to ground water, limited targets, small quantity of waste, and the low permeability of soils, the pathway may not generate a significant score.

A decision of "No Further Remedial Action Planned" (NFRAP) under Superfund will be entered in CERCLIS, and the site will be referred to the State.

Based upon currently available information, this site fails to meet the minimum criteria required to be included, or proposed, at this time on the NPL by the EPA. The NPL is EPA's list of sites that are priorities for further investigation and, if necessary, response action under CERCLA, 42 USC 960001, et seq. Other actions maybe appropriate under State Authorities.

APPROVALS:

Report Reviewed by: Bartolome J. Cañellas
(NPL Coordinator 6SF-RA)

Signature: 

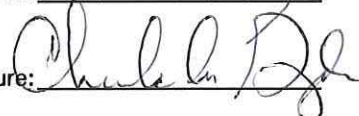
Date: Jan/16/96

Disposition Recommended by: Ragan Broyles
(Section Chief 6SF-RR)

Signature: 

Date: 1/16/96

Disposition Approved by: Charles A. Gazda
(Branch Chief 6SF-R)

Signature: 

Date: 1/23/96